

DT19 Rec'd PCT/PTO 15 MAR 2005
10/527967

PCT/EP03/10331

Amendments under Articles 19 and 34 PCT

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Claims

1. A symmetrical hose coupling having coupling halves that include a cylindrical hose fixing connection and a cam ring, the cams being made hook-shaped in the tangential direction and having radial surfaces transmitting axial
5 forces, and the cams of the coupling halves engaging into each other during coupling such that the surfaces transmitting axial forces engage behind each other in a bayonet-type fit, characterized in that the hose fixing connection is designed in one piece with the cam ring and that the cams project radially on the periphery of the cam ring.
- 10 2. The hose coupling as claimed in claim 1, characterized in that the surfaces, transmitting axial forces, of the cams are configured to be inclined in relation to the tangential direction and as related to the relative rotation during coupling.
- 15 3. The hose coupling as claimed in claim 1 or 2, characterized in that the cam ring, in its end face facing the respective other coupling half and radially inwardly of the cams, has an annular undercut for receiving a shaped sealing ring having a sealing lip which in the uncoupled condition protrudes axially beyond the end face of the cam ring.
- 20 4. The hose coupling as claimed in any of the preceding claims, characterized in that in the peripheral direction of the cam ring, the cams are arranged at distances from each other which are only slightly greater than the width of the cams in the peripheral direction.
5. The hose coupling as claimed in any of the preceding claims, characterized in that in the coupled condition, the coupling halves are locked against relative rotation by blocking means inserted between at least two adjacent cams.